ELECTRICAL COMMUNICATION INDEX, VOLUME 60 (1986)

Subject Index

	Number	Page
Applications for Speech Processing in Telecommunication and Office Equipment, M. Immendörfer	1	71
Application Software, Development and Maintenance of, J. T. Crawford	3/4	270
Artificial Intelligence Assisted Packet Radio Connectivity, P. Benson	2	162
Audiographic Terminal, M. Laube	1	45
Broadband ISDN Environment, Residential Subscriber System in a, P. A. Polese and S. R. Treves	1	23
Broadband ISDN in the Home Environment, H.-J. Mosel and D. Roth	1	40
Business Communication System, ITT 5700, E. V. Kiatipov	1	10
CAD Tools for Full-Custom VLSI Design, Design Methodology and, J. M. Danneels, P.-P. Guebels, and M. C. Rahier	3/4	196
Causal Models: The Next Generation of Expert Systems, M. E. Atwood, R. Brooks, and E. R. Radlinski	2	180
Cognitive Design Aid, Design of User–System Interfaces Using a, P. F. Byerley, R. G. Leiser, and R. F. Saffin	3/4	294
Communication Networks, Security Measures in, K. Presttun	1	63
Component Information System, ITT, J. J. F. Cunningham	3/4	225
Computer Aids for Mechanical Design within the Electronics Industry, W. Drtil and G. Klause	3/4	314
Computer Assisted Video Analysis System, M. de Alberdi	3/4	303
Control Schemes, Integrating Multiple, G. Jones, R. Nuttall, and K. Stone	2	122
Customer Application Engineering for System 12 Hardware, H. Schelfhout	2	135
Data Generation, System 12, J. Yun Cabrera and D. G. Ketels	2	141
Data Services, Residential, F. Hargrave, F. A. Middleton, and F. W. Ryan	1	33
Design Methodology and CAD Tools for Full-Custom VLSI Design, J. M. Danneels, P.-P. Guebels, and M. C. Rahier	3/4	196
Design of User–System Interfaces Using a Cognitive Design Aid, P. F. Byerley, R. G. Leiser, and R. F. Saffin	3/4	294
Development and Maintenance of Application Software, J. T. Crawford	3/4	270
Diagnostic System Architecture, M. E. Atwood and E. R. Radlinski	2	174
Distributed Software Test Environment, W. Wellens	3/4	266
Electrically Addressed Smectic Storage Device for Large Flat Panel Displays, S. Canter and W. A. Crossland	1	87
Electronic Warfare Application for Expert Systems, E. Gaudry	2	168
ESSAI Expert Systems Toolkit, J. J. Harvey	2	109
Expert Systems: An Introduction, J. J. Harvey	2	100
Expert Systems Application for TXE4A Exchanges, M. Thandasseri	2	154
Expert Systems, Causal Models: The Next Generation of, M. E. Atwood, R. Brooks, and E. R. Radlinski	2	180
Expert Systems, Electronic Warfare Application for, E. Gaudry	2	168
Expert Systems, Knowledge Acquisition for, M. A. Newstead and R. Pettipher	2	115
Expert Systems Technology for Safety-Critical Real-Time Systems, N. Theuretzbacher	2	147
Facsimile System for ISDN, High Resolution 64 kbit/s, H. Hampel	1	51
Flat Panel Displays, Electrically Addressed Smectic Storage Device for Large, S. Canter and W. A. Crossland	1	87
Galileo: Model, Language, and Tools, C. Sanchez Moreno	3/4	216
Generation of Real-Time Executive Systems, C. S. Baradello and G. Carloni	3/4	259
High Resolution 64 kbit/s Facsimile System for ISDN, H. Hampel	1	51
Home Environment, Broadband ISDN in the, H.-J. Mosel and D. Roth	1	40
Human Factors Support for Product Development, F. R. Brigham	3/4	286
Industrial Expert Systems Applications, Technological Considerations for, D. Neiman	2	185
In-Factory Testing, System 12, R. Gunhold and J. Zettel	2	128
Information Systems Technologies: An Introduction, D. Ilkovics	1	4
Integrated Office Communication System, M. Coronaro and B. Rossi	1	17
Integrated Printed Board Design System, A. Page and S. Grützmann	3/4	239
Integrating Multiple Control Schemes, G. Jones, R. Nuttall, and K. Stone	2	122
Intelligent Network Termination, P. Debuysscher and H. Peeters	1	58
ITT Component Information System, J. J. F. Cunningham	3/4	225
ITT 5700 Business Communication System, E. V. Kiatipov	1	10
Knowledge Acquisition for Expert Systems, M. A. Newstead and R. Pettipher	2	115
Life Cycle Support for Microprocessor-based Products, T. Haque and J. Montes	3/4	248
Measurement Interface Module for the Software Development Environment, D. Hunter and W. Kobitzsch	3/4	256
Mechanical Design within the Electronics Industry, Computer Aids for, W. Drtil and G. Klause	3/4	314
Microprocessor-based Products, Life Cycle Support for, T. Haque and J. Montes	3/4	248

	Number	Page
Network Termination, Intelligent, P. Debuysscher and H. Peeters	1	58
Office Communication System, Integrated, M. Coronaro and B. Rossi	1	17
Overview, D. Ilkovics	1	2
Overview, A. D. Kenny	2	98
Overview, J. P. Field	3/4	194
Packet Radio Connectivity, Artificial Intelligence Assisted, P. Benson	2	162
Personal Computers, Speech Communication for, P. Jakatdar and H. D. Mulla	1	79
Printed Board Design System, Integrated, A. Page and S. Grützmann	3/4	239
Product Development, Human Factors Support for, F. R. Brigham	3/4	286
Real-Time Executive Systems, Generation of, C. S. Baradello and G. Carloni	3/4	259
Real-Time Systems, Expert Systems Technology for Safety-Critical, N. Theuretzbacher	2	147
Residential Data Services, F. Hargrave, F. A. Middleton, and F. W. Ryan	1	33
Residental Subscriber System in a Broadband ISDN Environment, P. A. Polese and S. R. Treves	1	23
Scheduling Analysis, Modeling and Pricing, F. Giambalvo and D. Vignazia	3/4	308
Security Measures in Communication Networks, K. Presttun	1	63
Smectic Storage Device for Large Flat Panel Displays, Electrically Addressed, S. Canter and W. A. Crossland	1	87
Software Development Environment, Measurement Interface Module for the, D. Hunter and W. Kobitzsch	3/4	256
Software Development for System 12, D. R. Illi	3/4	232
Speech Communication for Personal Computers, P. Jakatdar and H. D. Mulla	1	79
Speech Processing in Telecommunication and Office Equipment, Applications for, M. Immendörfer	1	71
Subscriber System in a Broadband ISDN Environment, Residential, P. A. Polese and S. R. Treves	1	23
Support Environment for Semi-Custom VLSI Development, B. Prazic	3/4	207
System 12 Data Generation, J. Yun Cabrera and D. G. Ketels	2	141
System 12 Hardware, Customer Application Engineering for, H. Schelfhout	2	135
System 12 In-Factory Testing, R. Gunhold and J. Zettel	2	128
System 12, Software Development for, D. R. Illi	3/4	232
Technological Considerations for Industrial Expert Systems Applications, D. Neiman	2	185
Terminal, Audiographic, M. Laube	1	45
Terminal Systems, Unix-Based Tools for the Development of, A. Povelones	3/4	278
Test Environment, Distributed Software, W. Wellens	3/4	266
TXE4A Exchanges, Expert Systems Application for, M. Thandasseri	2	154
Unix-Based Tools for the Development of Terminal Systems, A. Povelones	3/4	278
User–System Interfaces Using a Cognitive Design Aid, Design of, P. F. Byerley, R. G. Leiser, and R. F. Saffin	3/4	294
Video Analysis System, Computer Assisted, M. de Alberdi	3/4	303
VLSI Design, Design Methodology and CAD Tools for Full Custom, J. M. Danneels, P.-P. Guebels, and M. C. Rahier	3/4	196
VLSI Development, Support Environment for Semi-Custom, B. Prazic	3/4	207

ELECTRICAL COMMUNICATION INDEX, VOLUME 60 (1986)

Author Index

	Number	Page
Atwood, M. E., Brooks, R., and Radlinski, E. R., Causal Models: The Next Generation of Expert Systems	2	180
Atwood, M. E., and Radlinski, E. R., Diagnostic System Architecture	2	174
Baradello, C. S., and Carloni, G., Generation of Real-Time Executive Systems	3/4	259
Benson, P., Artificial Intelligence Assisted Packet Radio Connectivity	2	162
Brigham, F. R., Human Factors Support for Product Development	3/4	286
Brooks, R., *see* Atwood, M. E.		
Byerley, P. F., Leiser, R. G., and Saffin, R. F., Design of User–System Interfaces Using a Cognitive Design Aid	3/4	294
Canter, S., and Crossland, W. A., Electrically Addressed Smectic Storage Device for Large Flat Panel Displays	1	87
Carloni, G., *see* Baradello, C. S.		
Coronaro, M., and Rossi, B., Integrated Office Communication System	1	17
Crawford, J. T., Development and Maintenance of Application Software	3/4	270
Crossland, W. A., *see* Canter, S.		
Cunningham, J. J. F., ITT Component Information System	3/4	225
Danneels, J. M., Guebels, P.-P., and Rahier, M. C., Design Methodology and CAD Tools for Full-Custom VLSI Design	3/4	196
de Alberdi, M., Computer Assisted Video Analysis System	3/4	303
Debuysscher, P., and Peeters, H., Intelligent Network Termination	1	58
Drtil, W., and Klause, G., Computer Aids for Mechanical Design within the Electronics Industry	3/4	314
Field, J. P., Overview	3/4	194
Gaudry, E., Electronic Warfare Application for Expert Systems	2	168
Giambalvo, F., and Vignazia, D., Scheduling Analysis, Modeling and Pricing	3/4	308
Grützmann, S., *see* Page, A.		
Guebels, P.-P., *see* Danneels, J. M.		
Gunhold, R., and Zettel, J., System 12 In-Factory Testing	2	128
Hampel, H., High Resolution 64 kbit/s Facsimile System for ISDN	1	51
Haque, T., and Montes, J., Life Cycle Support for Microprocessor-based Products	3/4	248
Hargrave, F., Middleton, F. A., and Ryan, F. W., Residential Data Services	1	33
Harvey, J. J., ESSAI Expert Systems Toolkit	2	109
Harvey, J. J., Expert Systems: An Introduction	2	100
Hunter, D., and Kobitzsch, W., Measurement Interface Module for the Software Development Environment	3/4	256
Ilkovics, D., Information Systems Technologies: An Introduction	1	4
Ilkovics, D., Overview	1	2
Illi, D. R., Software Development for System 12	3/4	232
Immendörfer, M., Applications for Speech Processing in Telecommunication and Office Equipment	1	71
Jakatdar, P., and Mulla, H. D., Speech Communication for Personal Computers	1	79
Jones, G., Nuttall, R., and Stone, K., Integrating Multiple Control Schemes	2	122
Kenny, A. D., Overview	2	98
Ketels, D. G., *see* Yun Cabrera, J.		
Kiatipov, E. V., ITT 5700 Business Communication System	1	10
Klause, G., *see* Drtil, W.		
Kobitzsch, W., *see* Hunter, D.		
Laube, M., Audiographic Terminal	1	45
Leiser, R. G., *see* Byerley, P. F.		
Middleton, F. A., *see* Hargrave, F.		
Montes, J., *see* Haque, T.		
Mosel, H.-J., and Roth, D., Broadband ISDN in the Home Environment	1	40
Mulla, H. D., *see* Jakatdar, P.		
Neiman, D., Technological Considerations for Industrial Expert Systems Applications	2	185
Newstead, M. A., and Pettipher, R., Knowledge Acquisition for Expert Systems	2	115
Nuttall, R., *see* Jones, G.		
Page, A., and Grützmann, S., Integrated Printed Board Design System	3/4	239
Peeters, H., *see* Debuysscher, P.		
Pettipher, R., *see* Newstead, M. A.		
Polese, P. A., and Treves, S. R., Residential Subscriber System in a Broadband ISDN Environment	1	23
Povelones, A., Unix-Based Tools for the Development of Terminal Systems	3/4	278
Prazic, B., Support Environment for Semi-Custom VLSI Development	3/4	207
Presttun, K., Security Measures in Communication Networks	1	63
Radlinski, E. R., *see* Atwood, M. E.		
Rahier, M. C., *see* Danneels, J. M.		
Rossi, B., *see* Coronaro, M.		
Roth, D., *see* Mosel, H.-J.		
Ryan, F. W., *see* Hargrave, F.		
Saffin, R. F., *see* Byerley, P. F.		
Sanchez Moreno, C., Galileo: Model, Language, and Tools	3/4	216
Schelfhout, H., Customer Application Engineering for System 12 Hardware	2	135
Stone, K., *see* Jones, G.		

	Number	Page
Thandasseri, M., Expert Systems Application for TXE4A Exchanges	2	154
Theuretzbacher, N., Expert Systems Technology for Safety-Critical Real-Time Systems	2	147
Treves, S. R., *see* Polese, P. A.		
Vignazia, D., *see* Giambalvo, F.		
Wellens, W., Distributed Software Test Environment	3/4	266
Yun Cabrera, J., and Ketels, D. G., System 12 Data Generation	2	141
Zettel, J., *see* Gunhold, R.		